

Listing of the Claims:

1. (Currently Amended) A system for decoupling commercial-off-the-shelf software applications from data stores, the system comprising:

a plurality of commercial-off-the-shelf software applications each operable with one of a plurality of first data stores, each of the plurality of commercial-off-the-shelf software applications providing output compatible with one of the plurality of first data stores;

a plurality of second data stores;

at least one processor; and

a listener, recorded on a computer readable medium, when executed by the at least one processor, to receive the output from the commercial-off-the-shelf software application;

a translator, recorded on a computer readable medium, in communication with ~~the plurality of commercial-off-the-shelf software applications~~ listener and the plurality of second data stores, the translator, when executed by the at least one processor, to receive the output and configured operable to ~~translate the output from the at least one of the of commercial-off-the-shelf software applications~~ for storage by one of the plurality of second data stores.

2. (Currently Amended) The system of Claim 1, further comprising a data access layer, recorded on a computer readable medium, in communication with the translator and operable, when executed by the at least one processor, to determine where to direct the output from one of the commercial-off-the-shelf software applications to one of the plurality of second data stores.

3. (Original) The system of Claim 2, wherein the data access layer maintains an enterprise data model including a data map of where to direct the output of each of the commercial-off-the-shelf software applications.

4. (Original) The system of Claim 3, wherein the data access layer receives the translated output from the translator and directs the translated output to one of the plurality of second data stores.

5. (Currently Amended) The system of Claim 1, wherein a first commercial-off-the-shelf software application of the plurality of commercial-off-the-shelf software applications is operable to provides a first output in DB2 a first relational database format and wherein the translator is operable to translates the first output to a second relational database format ~~Oracle~~.

6. (Currently Amended) The system of Claim 5, wherein a second commercial-off-the-shelf software application of the plurality of commercial-off-the-shelf software applications ~~is operable to provide~~s a second output in an older version of ~~DB2~~the first relational database format and wherein the translator ~~is operable to translate~~s the second output to a newer version of the first relational database format ~~DB2~~.

7. (Currently Amended) The system of Claim 1, wherein a first commercial-off-the-shelf software application of the plurality of commercial-off-the-shelf software applications ~~is operable to provide~~s a first output in an older version of a first relational database format ~~Oracle~~ and wherein the translator ~~is operable to translate~~s the first output to a newer version of the first relational database format ~~Oracle~~.

8. (Original) The system of Claim 1, wherein at least one of the second data stores is associated with one of the plurality of first data stores.

9. (Original) The system of Claim 8, wherein the at least one of the second data stores is further defined as a newer version data store of one of the plurality of first data stores.

10. (Currently Amended) The system of Claim 9, wherein at least one of the second data stores is further defined as a newer version of an ~~Oracle~~ relational database of a first vendor and wherein one of the plurality of first data stores is further defined as an older version of the ~~Oracle~~ relational database of the first vendor.

11. (Currently Amended) The system of Claim 9, wherein at least one of the second data stores is further defined as a newer version of a ~~DB2-relational~~ database of a second vendor and wherein one of the plurality of first data stores is further defined as an older version of the ~~DB2-relational~~ database of the second vendor.

12. (Original) The system of Claim 1, wherein the plurality of commercial-off-the-shelf software applications are each operable with only one of a plurality of data stores, each of the plurality of commercial-off-the-shelf software applications providing output compatible with only one of the plurality of data stores.

13. (Currently Amended) A system for maintaining compatibility of commercial-off-the-shelf software applications with data stores, the system comprising:

a commercial-off-the-shelf software application operable with only a first data store, the commercial-off-the-shelf software application providing an output compatible with only the first data store;

at least one processor;

a listener, recorded on a computer readable medium, when executed by the at least one processor, operable to receive the output from the commercial-off-the-shelf software application;

a translator, recorded on the computer readable medium, in communication with the listener, when executed by the at least one processor, to receive the output and operable configured to translate the output;

a data access layer, recorded on the computer readable medium, in communication with the translator and, when executed by the at least one processor, operable to determine, based on an enterprise data model, where to direct the output of the commercial-off-the-shelf software applications;

a wrapper, recorded on the computer readable medium, when executed by the at least one processor, operable to receive the translated output from the data access layer and to wrap the translated output based on a storage format; and

a second data store based on the storage format and operable configured to receive and store the wrapped and translated output.

14. (Currently Amended) The system of Claim 13, wherein the second data store is one of a newer version data store of the first data store and a different vendor database than the first data store.

15. (Currently Amended) The system of Claim 13, wherein the listener simulates a driver that is configured to access the first data store ~~second data store is a different vendor database than the first data store.~~

16. (Currently Amended) A system for integration of commercial-off-the-shelf software applications and databases, the system comprising:

a commercial-off-the-shelf software application operable with a first data store,
the commercial-off-the-shelf software application providing an output
compatible with the first data store;

at least one processor:

a listener, recorded on a computer readable medium, when executed by the at
least one processor, to receive the output from the commercial-off-the-
shelf software application;

a translator, recorded on a computer readable medium, in communication with
the listener, when executed by the at least one processor, operable to
receive the commercial-off-the-shelf software application output and
configured to translate the output;

a second data store operable to receive and store the translated output; and

a service broker, recorded on the computer readable medium, when
executed by the at least one processor, operable to maintain a
record of transaction output from the commercial-off-the-shelf
software application and stored in the second data store, the
service broker further operable configured to roll-back failed
transactions.

17. (Currently Amended) The system of Claim 16, further comprising a data access layer, recorded on a computer readable medium, in communication with the translator and, when executed by the at least one processor, operable to determine, based on an enterprise data model, where to direct the output of the commercial-off-the-shelf software applications.

18.(Original) The system of Claim 16, wherein the commercial-off-the-shelf software application is operable with only the first data store, and wherein the commercial-off-the-shelf software application provides the output compatible with only the first data store.

19. (Currently Amended) The system of Claim 16, wherein the service broker further comprises:

- a transaction data store operable configured to maintain a record of the output by the commercial-off-the-shelf software application;
- an exception handler operable configured to identify a failed transaction and communicate with the transaction data store to restore the second data store to a state prior to the failed transaction.

20. (Currently Amended) The system of Claim 19, further comprising a data warehouse, recorded on the computer readable medium, and wherein the data warehouse, when executed by the at least one processor, is asynchronously updated with the output from the commercial-off-the-shelf software application.

21. (Original) The system of Claim 19, wherein a compensating transaction is used to restore the failed transaction.

22. (Original) The system of Claim 21, wherein an XA transaction is used in combination with the compensating transaction to restore the failed transaction.

23. (Currently Amended) The system of Claim 19, further comprising:

a data warehouse, recorded on the computer readable medium, when executed by the at least one processor, operable to maintain data;

a query processor, recorded on the computer readable medium, when executed by the at least one processor, to manage transaction processing of data requests from the commercial-off-the-shelf software application; and

a metadata repository, recorded on the computer readable medium, when executed by the at least one processor, to maintain[[ing]] a logical data model related to the data, wherein the metadata repository instructs the query processor regarding handling of the data requests from the commercial-off-the-shelf software application and between the second data store and the data warehouse.